



Features:

- » AC input selectable by switch
- » High efficiency, high reliability
- » 100% full load and machine test
- » Air cooling
- » Working frequency 37 KHz
- » Size: 199 x 110 x 50mm



| Model & Specification           | PKD-210A                                                |           |
|---------------------------------|---------------------------------------------------------|-----------|
|                                 | CH1                                                     | CH2       |
| DC output Voltage, Current      | 5V 0~6A                                                 | 12V 0~15A |
| Wave and Noise                  | 60mVp-p                                                 | 120mVp-p  |
| Inlet wire Stability            | ± 0.5%                                                  | ± 1%      |
| Load Stability                  | ± 0.5%                                                  | ± 6%      |
| Efficiency                      | 78%                                                     |           |
| Adjustable Range for DC Voltage | ± 10%                                                   | ± 5%      |
| Input Voltage Range             | 90~132VAC / 180~264VAC by switch 254~370VDC 47~63Hz     |           |
| Impact Current                  | Cold start current    30A/115VAC    60A/230VAC          |           |
| Setup, Rise, Hold up Time       | 200ms, 50ms, 20ms/230VAC at full load                   |           |
| Withstand Voltage               | I/P-O/P: 1.5kV    I/P-FG: 1.5kV    O/P-FG 0.5kV 1minute |           |
| Isolation Resistance            | I/P-O/P    I/P-FG    O/P-FG: 500VDC/100MΩ               |           |
| Working Temperature             | - 10°C ~ +50°C                                          |           |
| Dimension and Weight            | 199 x 110 x 50mm    0.9kg                               |           |

Note :

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature
2. Tolerance: includes set up tolerance, line regulation and load regulation.

Dimension Drawing

Connection Diagram

110, 192, 172, 100, 5, 199, 97, 37, 9.5, 8, 3.5, 1.6

| Terminal number | Terminal name | Terminal number | Terminal name |
|-----------------|---------------|-----------------|---------------|
| 1               | AC (L)        | 6               | COM1          |
| 2               | AC (N)        | 7               | V1            |
| 3               | ⊕             | 8               | ADJ.          |
| 4               | COM2          | 9               | LED           |
| 5               | V2            |                 |               |

190.5, 159, 50, 16.5, 13.48, 20, 12, 25, 3-M3, 6.5, 20, 3.5

The specifications are subject to change without prior notice

All Dimension are in mm

BTH PKD-210A Version 1.0